

ABSTRACT

A method of producing fuel injectors for internal combustion engines provides for establishing a working
5 life of each injector conforming with the working life of
the internal combustion engine on which it is installed.
Each injector has an injector body having a seat; a valve
body housed inside the seat so as to form an annular
chamber, for receiving high-pressure fuel, and a gap
10 communicating with the annular chamber; and a seal housed
inside the annular chamber to seal the gap. The seal is
sized as a function of the permanent deformation to which
the seal is subjected during use of the injector, so as
to achieve a working life of the injector substantially
15 equal to the working life of the engine.

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